

## LED FIXTURE EVALUATION FORM

1. FIXTURE MANUFACTURER \_\_\_\_\_
2. CATALOG NUMBER \_\_\_\_\_
3. DOES FIXTURE USE COMMERCIALY AVAILABLE LED "LIGHT ENGINE" ASSEMBLY OR LED ARRAY OF MANUFACTURERS OWN DESIGN? \_\_\_\_\_
4. IF A COMMERCIALY AVAILABLE LED "LIGHT ENGINE" ASSEMBLY WHAT MANUFACTURER? \_\_\_\_\_
5. IF AN ASSEMBLY OF MANUFACTURERS OWN DESIGN, WHAT LED MANUFACTURERS COMPONENTS ARE USED \_\_\_\_\_
6. DESCRIBE HOW 'WHITE LIGHT' IS GENERATED - I.E. PHOSPHOR CONVERSION, RGB COLOR MIXING, ETC. \_\_\_\_\_
7. WHAT COLOR LEDs ARE USED? \_\_\_\_\_
8. HAS A COPY OF THE IESNA LM-80 LUMEN MAINTENANCE TEST REPORT SPECIFIC TO THE LEDS BEING USED FOR THIS FIXTURE BEEN PROVIDED? \_\_\_\_\_
9. HAS A COPY OF THE FIXTURES L70 LIFETIME CURVE BASED ON THE IESNA LM-80 LUMEN MAINTENANCE TEST REPORT BEEN PROVIDED? \_\_\_\_\_
10. WHAT OPERATING TEMPERATURE RANGE IS THE FIXTURE DESIGNED FOR AND WHAT IS THE MAXIMUM JUNCTION TEMPERATURE (Tj) OF THE LEDs ACROSS THAT RANGE?  
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11. WHAT IS THE MA CURRENT THAT THE LEDs ARE BEING DRIVEN AT? \_\_\_\_\_
12. WHAT MANUFACTURER IS USED FOR THE DRIVER? \_\_\_\_\_
13. WHAT IS THE POWER FACTOR OF THE DRIVER? \_\_\_\_\_
14. HOW MUCH POWER DOES THE FIXTURE CONSUME "OFF STATE"? \_\_\_\_\_

15. DOES THE FIXTURE MEET CURRENT DOE ENERGY STAR GUIDELINES? \_\_\_\_\_

16. ARE THE FIXTURE LUMENS BASED ON LED SUPPLIERS PUBLISHED VALUES OR ACTUAL DELIVERED LUMENS? \_\_\_\_\_

17. PROVIDE AN IESNA LM-79 PHOTOMETRIC REPORT FROM AN INDEPENDENT TEST LABORATORY TOGETHER WITH AN IES DATA FILE \_\_\_\_\_

18. WHAT IS THE PRODUCT WARRANTY? \_\_\_\_\_

19. HOW ARE WARRANTY CLAIMS HANDLED? ARE THE LED OR DRIVER COMPONENTS REPLACED OR SENT FOR REPAIR? \_\_\_\_\_